Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046313.D
Acq On : 26 Jun 2024 04:51
Operator : MA/JU
Sample : P2909-06MS
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B84MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 05:20:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.421	152	1954	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.187	136	5965	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.047	164	3518	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.790	188	7730	0.400	ng/ul	-0.05
17) Chrysene-d12	20.991	240	6186	0.400	ng/ul	-0.03
23) Perylene-d12	23.081	264	9859	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	1159	0.432	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.793	152	2245	0.280	ng/ul	-0.05
18) Fluoranthene-d10	18.824	212	6170	0.333	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.050	88	2892	0.962	ng/ul	90
5) Naphthalene	10.237	128	20389	1.226	ng/ul	95
7) 2-Methylnaphthalene	11.859	142	9926	1.060	ng/ul	98
8) 1-Methylnaphthalene	12.074	142	8956	0.872	ng/ul	98
10) Acenaphthylene	13.770	152	12527	0.751	ng/ul	98
11) Acenaphthene	14.108	153	27027	2.244	ng/ul	98
12) Fluorene	15.107	166	39340	3.043	ng/ul	99
14) Pentachlorophenol	16.477	266	489	0.211	ng/ul	98
15) Phenanthrene	16.828	178	629280	28.976	ng/ul	96
16) Anthracene	16.925	178	127943	7.910	ng/ul	96
19) Fluoranthene	18.852	202	805680	30.080	ng/ul#	94
20) Pyrene	19.215	202	510406	17.621	ng/ul	95
21) Benzo(a)anthracene	20.974	228	330896	13.848	ng/ul	99
22) Chrysene	21.026	228	300318	9.849	ng/ul	99
24) Benzo(b)fluoranthene	22.467	252	387308m	10.904	ng/ul	
25) Benzo(k)fluoranthene	22.502	252	140443m	3.326	ng/ul	
26) Benzo(a)pyrene	22.990	252	136605m	4.150	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.112	276	130599	2.424	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.119	278	58854	1.468	ng/ul	92
29) Benzo(g,h,i)perylene	25.736	276	17028	0.369	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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